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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor : Huang et al.

Appln. No. : 10/629,278

Filed : July 29, 2003

For : MULTI-SENSORY SPEECH  
DETECTION SYSTEM

Docket No.: M61.12-0519

Group Art Unit: 2641

Examiner: ---

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
SENT BY U.S. MAIL, FIRST CLASS, TO THE  
COMMISSIONER FOR PATENTS, P.O. BOX 1450,  
ALEXANDRIA, VA 22313-1450, THIS

17<sup>th</sup> DAY OF February 2005  
  
PATENT ATTORNEY

Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed.

Submitted herewith is a copy (with English translation as appropriate) of an Official Search Report of the European Patent Office in counterpart foreign application No. 04 016 226.5 filed December 17, 2004.

**TIME OF FILING**

The information disclosure statement is being filed:

1.  with the application or within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. In accordance with 37 C.F.R. § 1.97(b), no statement or fee is required.
  
2.  after the time period specified in paragraph 1 above, but before the mailing date of a final action under 37

C.F.R. § 1.113 or notice of allowance under 37 C.F.R. § 1.311. Therefore, in accordance with 37 C.F.R. § 1.97(c), submitted herewith is:

(check either A or B below)

- A.  a statement as specified in 37 C.F.R. § 1.97(e).
- B.  the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c).

3.  after the mailing date of either a final action under 37 C.F.R. § 1.113 or a notice of allowance under 37 C.F.R. § 1.311, whichever occurs first, but before payment of the issue fee. Therefore, Applicant petitions for consideration and submits herewith:

- A. a statement as specified in 37 C.F.R. § 1.97(e);
- B. the petition fee set forth in 37 C.F.R. § 1.17(p).

#### STATEMENT

(only used if No. 2(A) or No. 3 above is checked)

The person(s) signing below certify

(check appropriate paragraph)

that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(1).

OR

that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(2).

**METHOD OF PAYMENT**

X No fee is required.  
       Attached is a check in the amount of \$\_\_\_\_\_.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this communication is enclosed.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

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FORM PTO-1449		Atty. Docket No.: M61.12-0519	Appl. No.: 10/629,278
 <p>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</p>		First Named Inventor:	
		Huang et al.	
		Filing Date July 29, 2003	Group Art: 2641

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	3,383,466	05/14/68	W.A. Hilix et al.	179	1	
AB	5,647,834	07/15/97	Ron	600	23	
AC	6,343,269	01/29/02	Harada et al.	704	243	
AD	6,594,629	07/15/03	Basu et al.	704	251	
AE	2003/01448 44 A1	07/31/03	Colmenarez et al.	704	273	
AF	2001292498 9	19.10.01	Matsuda Munehiro			Japan Abstract only

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
AG		WO 02/077972 A1	03.10.02	PCT			
AH		WO 03/055270 A1	03.07.03	PCT			
AI							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AJ	Zheng Y. et al., "Air and Bone-Conductive Integrated Microphones for Robust Speech Detection and Enhancement" Automatic Speech Recognition and Understanding 2003. pp. 249-254.
AK	De Cuetos P. et al. "Audio-visual intent-to-speak detection for human-computer interaction" Vol. 6, June 5, 2000. pp. 2373-2376.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.